

IN THE CLAIMS:

The following listing of claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Original) A motor driving type throttle apparatus characterized by comprising a throttle body integrally formed with containing portions of a throttle valve and a throttle valve driving apparatus;

wherein a power transmission apparatus for transmitting an output of the throttle valve driving apparatus to the throttle valve is integrated to the throttle body;

wherein an electronic control module for controlling the throttle valve is contained in a module housing or mounted on a board; and

wherein the throttle valve driving apparatus and the power transmission apparatus are arranged to be protected by a single cover and the cover and the module housing or the board are integrally formed.

2. (Original) A motor driving type throttle apparatus characterized by comprising a throttle body integrally molded with containing portions of a throttle valve and a throttle valve driving apparatus;

wherein a power transmission apparatus for transmitting an output of the throttle valve driving apparatus to the throttle valve is integrated to the throttle body;

wherein an electronic control module for controlling the throttle valve is contained in a module housing or mounted on a board;

wherein the throttle valve driving apparatus and the power transmission apparatus are protected by a cover; and

wherein conductors constituting electric wirings at an inner portion of a molded member forming the cover are embedded by a resin mold and portions of the conductors are exposed to a surface of the molded member to thereby electrically connect the conductors and the electronic control module.

3. (Cancelled)

4. (Original) The motor driving type throttle apparatus according to Claim 2, wherein terminals of the throttle valve driving apparatus are connected to the conductors.

5. (Original) The motor driving type throttle apparatus according to Claim 4, further comprising intermediary terminals for connecting the throttle valve driving apparatus with the conductors, wherein an intermediary terminal housing for containing the intermediary terminals and the cover are integrally molded.

6. (Original) The motor driving type throttle apparatus according to Claim 2 or 3, wherein intervals between the terminals of the opening degree

meter and the conductors and intervals between the conductors and the electronic control module are connected by wire bonding or welding.

7.-16. (Cancelled)

17. (Original) A motor driving type throttle apparatus characterized in that an opening degree meter for detecting an angle of a throttle valve is attached to an inner face of a resin cover for covering one end of a throttle valve shaft by a packaged unit style.

18. (Original) The motor driving type throttle apparatus according to Claim 17, wherein a unit of the opening degree meter is provided with at least two pieces of positioning attaching holes.

19. (Original) The motor driving type throttle apparatus according to Claim 17 or 18, wherein the opening degree meter is thermally fastened by welding a resin member provided at the cover.

20.-25. (Cancelled)

26. (New) A motor drive throttle valve control apparatus of a combustion engine, comprising:

a torque transmission mechanism for transmitting torque of a motor to a throttle valve shaft;

a resin cover attached on a throttle body to cover said torque transmission mechanism;

a circuit board attached on said cover to generate a motor drive signal, and

a partition wall positioned between said circuit board and said torque transmission mechanism to isolate said circuit board from said torque transmission mechanism.

27. (New) The apparatus according to claim 26, wherein said torque transmission is a reduction mechanism comprised of plural gears, and one of the plural gears is prevented from moving in a direction of thrust by said partition wall.

28. (New) The apparatus according to claim 26, wherein plural terminals of said motor are formed near a side wall portion of said cover.